

What is claimed is:

1 1. A land mobile-satellite communication system comprising:  
2 at least one communication satellite station;  
3 a plurality of portable communication terminals for  
4 communicating with each other through a communication link  
5 to be formed to include said at least one communication satellite  
6 station; and  
7 a plurality of mobile repeater stations mounted on mobiles  
8 located on the earth for repeating a communication in said  
9 communication link formed between said portable  
10 communication terminals and including said at least one  
11 communication satellite station.

1 2. The land mobile -satellite communication system as  
2 claimed in claim 1 including,  
3 a plurality of said communication satellite stations  
4 respectively mounted on a plurality of low earth  
5 communication satellites and each said station including a  
6 means for communicating with other said stations through  
7 inter-satellite links.

1 3. The land mobile-satellite communication system as claimed  
2 in claim 2, wherein :  
3 said mobile repeater stations include a means for  
4 communicating with said communication satellite stations by  
5 using a carrier wave of higher frequency than a frequency of a  
6 carrier wave to be used for communicating with said portable  
7 communication terminals.

1 4. The land mobile -satellite communication system as  
2 claimed  
3 in claims 2, wherein;  
4 said portable communication terminals include a means  
5 for transmitting a position signal repeatedly, said position signal  
6 including an identification code of the portable communication





4 storing data received from said portable communication  
5 terminals and for functioning as servers.

1 12. The land mobile- satellite communication system as claimed  
2 in claim 2, wherein:

3 said mobile repeater stations include a means for  
4 responding to a request from said communication satellite  
5 stations and / or portable communication terminals and for  
6 functioning as providers.

1 13. The land mobile- satellite communication system as claimed  
2 in claim 1, wherein:

3 said mobile repeater stations include a means for  
4 communicating with said at least one communication satellite  
5 station by using a carrier wave of higher frequency than a  
6 frequency of a carrier wave to be used for communicating with  
7 said portable communication terminals.